

**Amendments to the Drawings:**

Attached are Annotated and Revised drawing sheets for Figures 3a-d showing the correction of a spelling error in Figure 3a. Please substitute the revised drawing sheet for the original drawings filed in the application.

**REMARKS**

Acknowledgment of the claim of priority under 35 U.S.C. §119 and receipt of the priority document is noted with appreciation.

In the specification, the paragraph beginning at page 7, line 17 has been amended to change "radio operation 16" to read "radio portion 16 as shown in the referenced Figure 1.

In the specification, the paragraph beginning at page 8, line 8 has been amended to correct a typographical error and change the term "key operating portion 14" to read –key operation portion 14– as shown in the referenced Figure 1.

In the specification, the paragraph beginning at page 8, line 23 has been amended to change the phrase "storage portion 18" to read storage medium as shown in the referenced Figure 1.

In the specification, the paragraph beginning at page 9, line 8, the paragraph beginning at page 9, line 15, and the paragraph beginning at page 9, line 21 have been amended to make typographical and grammatical revisions.

In the specification, the paragraph beginning at page 13, line 13 to delete the word "range" from the sentence.

In the specification, the Abstract beginning at page 19 has also been amended to make typographical and grammatical revisions.

As these changes are all typographical or grammatical in nature, no new matter has been introduced as a result of these specification amendments.

It is noted with appreciation that the drawings filed on 23 December 2003 have been accepted by the Examiner. It is also noted that the Examiner has acknowledged the foreign priority claim under 35 U.S.C. 119 (a) - (d) or (f).

Figure 3 has been amended and a revised Sheet 3 of 4 is provided for review. Figure 3A of sheet 3 has been amended to make a typographical revision. This revision changes the block labeled "TES" to read "YES".

Claims 1 to 19 now appear in the application. Original claims 1 to 16 have been amended and new, independent claims 17, 18 and 19 have been added to more

closely reflect the design and intent of the subject invention as described in the specification.

An important feature of the invention relates to the plurality of preset identification numbers used to perform dial lock releasing, and the association of one or more pre-programmed permitted functions with each of the plurality of preset identification numbers. These capabilities are discussed in paragraph [0037] on page 8, beginning at line 8. The paragraph [0037] on page 8, beginning at line 8 discusses using a dial lock release number for dedicated preliminarily set telephone numbers, which is separate from an identification number which controls the enabling of various other functions (long distance, Internet browsing, etc.). In addition, amended paragraph [0041], beginning on page 9, line 8 clearly delineates two different identification numbers and recites, “. . . dial lock release number #1, the fact of being used for releasing dial lock condition of “calling function to registered number” is stored as set content. When the identification number is the dial lock release number #2, the fact of being used for releasing dial lock conditions of “calling function and . . .” Figures 3A - 3D also clearly show two different numbers being entered as does the flowchart of Figure 4. Claims 17, 18, and 19 relate this concept of having different identifications enable (or not enable) various functionalities.

As explained in the application, the invention might, for example, permit a parent to program a telephone in a manner which allows a child or dependent to use the telephone for performing only certain functions (e.g., local calls, calls to only preset numbers, calls at certain times, etc.), and the child will be in possession of an identification number which enables him or her to achieve these functions (i.e., he will not need a code for a dial lock feature which enables him or her access to the full functionality of the telephone set).

Claims 1 - 4, 8 - 10, and 14 - 16 have been rejected under 35 U.S.C. §102(e) as being anticipated by Maruyama et al. (Patent No. 5,646,604). This rejection is traversed for the reason tht Maruyama et al. neither shows nor suggests the claimed invention.

Maruyama et al. (Patent No. 5,646,604) performs a dial lock and unlock function to enable calling features using a single identification number. This is clearly discussed by Maruyama et al. (5,646,604) in column 3, lines 22 - 25 which states, “. . . a first memory 4 in which “unwritten” or “written” is stored as the **state of the password** for enabling a dial lock, a second memory 5 in which a **password** set for enabling the dial lock is stored . . .” Once this identification number is entered, all functions of the telephone set are enabled. In sharp contrast, new independent claims 17-19 now require being able to store a plurality of preset identification numbers, and that each preset identification numbers has associated with one or more pre-programmed permitted functions. Thus, Maruyama et al. wholly lacks any teaching which enables one number to be used for achieving one group of functions (e.g., a restricted group) and another number to be used for achieving another group of functions (e.g., an unrestricted group). Maruyama et al. (5,646,604) does not have more than one password (or terminal number) and does not associate the password with one or more functions. Thus, the claimed invention is not anticipated by Maruyama et al. (5,646,604).

As for claims 2 and 9, the Examiner has equated setting “the password arbitrarily” of Maruyama to be the same as setting the “functions” arbitrarily as in the subject invention. It should be understood that setting a password is not the same as setting a function. Setting the number (or password) arbitrarily means selecting any number pattern (e.g., four digits is shown) to be used as the password. While the subject invention arbitrarily assigns the calling functions enabled by each of the plurality of preset identification numbers (e.g., internet browsing, calling only certain numbers, etc.). Therefore, claims 2 and 9 are not anticipated by Maruyama et al. (5,646,604).

As for claim 7, 14 and 16, as discussed above, Maruyama et al. (5,646,604) does not provide the capability of enabling different calling functions by associating these different functions with independent preset identification numbers. Maruyama et al. (5,646,604) enables calling functions as an “all or nothing” capability such that

once the key lock is disabled, the user has access to all features and functions of the telephone set.

Claims 4 - 6 and 11 - 13 have been rejected under 35 U.S.C. §103(a) as being unpatentable over Maruyama et al. (5,646,604) in view of Nozaki et al. (2002/0129109). This rejection is traversed for the reason that the combination of Maruyama et al. and Nozaki et al. does not fairly suggest or otherwise teach the claimed invention.

Nozaki et al. does not make up for the deficiencies of Maruyama et al. Thus any combination of Maruyama et al. and Nozaki et al. would not make the claimed invention obvious. That is, neither Maruyama et al. (5,646,604) nor Nozaki et al. (2002/0129109) provide the capability to use a plurality of identification numbers to select which calling functions are enabled by the various identification numbers. Maruyama et al. (5,646,604) together with Nozaki et al. (2002/0129109) may speak about releasing a dial lock function. This release function is an “all or nothing” capability as discussed above. That is, when the dial lock is released for Maruyama et al. (5,646,604) or Nozaki et al. (2002/0129109), all calling functions are enabled. Whether the calling functions include Internet is irrelevant ( the Examiner has cited that Nozaki et al. (2002/0129109) includes the Internet as a calling function). What is important is whether or not one identification number can permit internet browsing while another identification number can permit calling certain number but not allow internet browsing. Nozaki clearly does not show or suggest anything equivalent to this type of feature.

Claims 4 and 11 have been rejected under 35 U.S.C. §103(a) as being unpatentable over Maruyama et al. (5,646,604) in view of Yoon (Patent No. 6,757,376). This rejection is traversed for the reason that the combination of Maruyama et al. and Yoon does not suggest or otherwise teach the claimed invention..

Like Maruyama et al. and Nozaki et al., Yoon does not use a plurality of identification numbers to selectively enable various calling functionalities. As such, any combination of Maruyama et al. and Yoon would yield only a single number, “all

or nothing" dial lock functionality. As such, the claimed invention would not be obvious over the proposed combination.

In view of the foregoing, it is requested that the application be reconsidered, that claims 1 to 19 be allowed, and that the application be passed to issue.

Should the Examiner find the application to be other than in condition for allowance, the Examiner is requested to contact the undersigned at 703-787-9400 (fax: 703-787-7557; email: mike@wcc-ip.com) to discuss any other changes deemed necessary in a telephonic or personal interview.

If an extension of time is required for this response to be considered as being timely filed, a conditional petition is hereby made for such extension of time. Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-2041.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael E. Whitham", written over a horizontal line.

Michael E. Whitham  
Reg. No. 32,635

Whitham, Curtis & Christofferson, P.C.  
11491 Sunset Hills Road, Suite 340  
Reston, VA 20190  
703-787-9400  
703-787-7557 (fax)

Customer No.: 30743



3 / 4

FIG. 3A

MENU  
DIAL LOCK RELEASING  
NUMBER

SET ?

☒ YES

☐ NO

→ YES

FIG. 3B

TERMINAL  
IDENTIFICATION  
NUMBER ?

\* \* \* \*

FIG. 3C

DIAL LOCK  
RELEASING NUMBER  
SETTING

SET NUMBER ?

\* \* \* \*

FIG. 3D

DIAL LOCK  
RELEASING NUMBER  
SETTING  
SET CONTENT ?

☐ CALLING

☐ CALLING (ONLY TO  
REGISTERED NUMBERS)

☐ MAIL

☐ INTERNET BROWSING